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## <u>Claims</u>

What is claimed:

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1. A method of electrically stimulating selected regions of a subject's heart having an implanted stimulus generator having an intracavitarily disposed electrode disposed in the subject, said method comprising the steps

of:

inserting into the subject at least one conductor having at least two electrical contacts thereon;

contacting a portion of the heart to be stimulated with the electrical contact of the conductor;

positioning the electrical contact of the conductor in contact with myocardial tissue such that an electrical stimulus delivered by the implanted stimulus generator creates an electrical potential difference at each contact of the conductor;

generating a stimulus from the implanted stimulus generator; and discharging the electrical stimulus from the intracavitarily disposed electrode wherein the stimulus is conducted through the myocardial tissue and through at least one electrical conductor and is transferred to the regions of the heart contacting the electrical contacts of the conductor, whereby the current is sufficient to stimulate tissue of the heart.

2. A method according to claim 1, wherein said inserting step further comprises surgically implanting the conductor.

1	3.	A method according to claim 2, wherein said surgically
2	implanting st	ep is further defined as thorascopically implanting the conductor.
1	4.	A method according to claim 1, wherein the implanted stimulus
2		selected from the group consisting of a pacemaker and a
3	defibrillator.	
1	5.	A method according to claim 1, wherein the conductor
2	comprises an	insulator disposed about at least a portion of the conductor.
1	6.	A method according to claim 1, wherein the conductor
2	comprises a n	netallic wire.
1	7.	A method according to claim 1, wherein the conductor
2	comprises a n	netallic strip.
l	8.	A method according to claim 1, wherein the conductor
2	comprises a ri	ibbon of conductive material.
i	9.	A method according to claim 1, wherein the conductor includes
2	at least one	electrical component disposed in electrical communication
3	therewith.	

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1	10.	A method	according	to	claim	9,	wherein	the	electrical	
2	component c	omprises a dic	ode.							
1	11.	A method	according	to	claim	9,	wherein	the	electrical	
2	component c	omprises a de	vice capable	ofs	toring e	energ	gy.			
1	12.	A method	according	to	claim	11,	wherein	the	electrical	
2	component c	omprises a car	pacitor.							
1	13.	A method a	according to	cla	im 9, 1	wher	ein the e	lectri	cal device	
2	comprises a	resistor.								
		\								
1	14.	A method	according	to	claim	9,	wherein	the	electrical	
2	component c	omprises a mi	croprocesso	r.						
		\								
1	15.	A passive	conductor	asse	mbly	for	use with	an	implanted	
2	stimulus gen	nerator having	g \an intraca	avita	rily di	spos	ed stimul	ating	lead for	
3	stimulating th	ne heart of a su	ıbject, said o	cond	luctor a	ssen	ibly comp	rising	3:	
4	at lea	ast one cond	luctive eler	nent	havin	g a	t least t	vo e	lectrically	
5	conductive co	ontacts for con	tacting\a po	rtio	ı of the	hear	rt of the su	ıbjecı	t.	

1	16. A conductor as set forth in claim 15, wherein said conductive
2	element comprises an insulator disposed about at least a portion of said
3	conductive element.
1	17. A conductor as set forth in claim 15, wherein said conductive
2	element comprises a metallic wire.
1	18. A conductor as set forth in claim 15, wherein said conductive
2	element comprises a metallic strip.
1	19. A conductor as set forth in claim 15, wherein said conductive
2	element comprises a ribbon of conductive material.
1	20. A conductor as set forth in claim 15, wherein said conductive
2	element includes at least one electrical component disposed in electrical
3	communication therewith.
1	21. A conductor as set forth in claim 20, wherein said electrical
2	component comprises a diode.
1	22. A conductor as set forth in claim 20, wherein said electrica
2	component comprises a device capable of storing energy.

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22 A conductor as set forth in claim 22, wherein said electrical 1 23. component comprises a capacitor. 2 A conductor as set forth in claim 20, wherein said electrical 24. 1 component comprises a resistor. 2 A conductor as set forth in claim 20, wherein said electrical 25 1 component comprises a microprocessor. 2 A method of neurally stimulating the heart of a subject, said 26. 1 method comprising the steps of: 2 disposing at least one conductor having at least two electrically 3 conductive dontacts adjacent to a portion of a heart in close proximity to an 4 intracavitarily disposed electrode of an implanted stimulus generator; 5 contacting a portion of the heart with the electrically conductive 6 contacts of the conductor; 7 positioning the electrically conductive contacts of the conductor in 8 contact with mydcardial tissue such that an electrical stimulus delivered by the 9 implanted stimulus generator creates an electrical potential difference at each 10 of the electrically conductive contacts of the conductor inducing the flow of 11 current therethrough and 12 generating an electrical stimulus from the implanted stimulus generator 13

and discharging the electrical stimulus from the intracavitarily disposed

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15	electrode wherein the stimulus is conducted through the myocardial tissue and
16	through at least one electrically conductive contact and is conducted to the
17	regions of the heart contacting other of the electrically conductive contacts of
18	the conductor; and
19	selectively stimulating neural tissue of the heart.
1	27. A method according to claim 26, wherein said inserting step
2	further comprises surgically implanting the conductor.
1	28. A method according to claim 27, wherein said surgically
2	implanting step is further defined as thorascopically implanting the conductor.
1	29. A method according to claim 26, wherein the implantable
2	stimulus generator is selected from the group consisting of a pacemaker and a
3	defibrillator.
1	30. A method according to claim 26, wherein the conductor
2	comprises an insulator disposed about at least a portion of the conductor.
1	31. A method according to claim 26, wherein the conductor
2	comprises a metallic wire.

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1	32.	A	method	according	to	claim	26,	wherein	the	conductor
2	comprises a n	netal	llic strip.							
1	33.	Α	method	according	to	claim	26,	wherein	the	conductor
2	comprises a r	bbo	n of cond	uctive mate	erial					
1	34.	A\	method	according	to	claim	26,	wherein	the	conductor
2	includes at lea	ast o	one electri	cal compor	ent	dispose	ed in	electrical	comi	nunication
3	therewith.									
										•
1	35.	Α	method	according	to	claim	34,	wherein	the	electrical
2	component co	omp	rises a dic	ode.						
	•									
1	36.	Α	method	according	to	claim	26,	wherein	the	electrical
2	component co	mp	rises a mi	croprocesso	or.					
				\						
1	37.	Α	method	according	\to	claim	34,	wherein	the	electrical
2	component co	mp	rises a de	vice capable	e of	storing	ener	gy.		
					\					
1	38.	Α	method	according	to	claim	37,	wherein	the	electrical
2	component co	omp	rises a ca	pacitor.		\.				-

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1	A method according to claim 34, wherein the electrical device
2	comprises a resistor.
1	40. A method according to claim 26, wherein said selectively
2	stimulating step further includes modifying the electrical stimulus prior to
3	contacting the heart whereby the stimulus substantially only stimulates neural
4	tissue.
•	
1	41. A method for electrically stimulating a preselected area of a
2	heart comprising the steps of:
3	attaching one end of an electric wire to a first area of the heart so that
4	said one end of said wire is in electrical contact with said first area of the heart,
5	and
6	attaching a second end of an electric wire to the preselected area of the
7	heart so that said second end of said wire is in electrical contact with said first
8	preselected area of the heart,
9	wherein said first and said preselected areas of the heart attain different
10	electrical potential levels during cardiac contraction.
1	42. The invention as defined in claim 41 wherein said wire includes
2	electrical insulation between its ends.

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l	43.	The	invention	as	defined	in	claim	41	wherein	each	attaching
2	step comprises	the	step of sutt	ırin	ig said w	ire	to the	hear	rt.		

1 44. The invention as defined in claim 41 and comprising the step of 2 attaching at least one intermediate point of said wire to the heart so that said 3 intermediate point of the wire is in electrical contact with the heart.